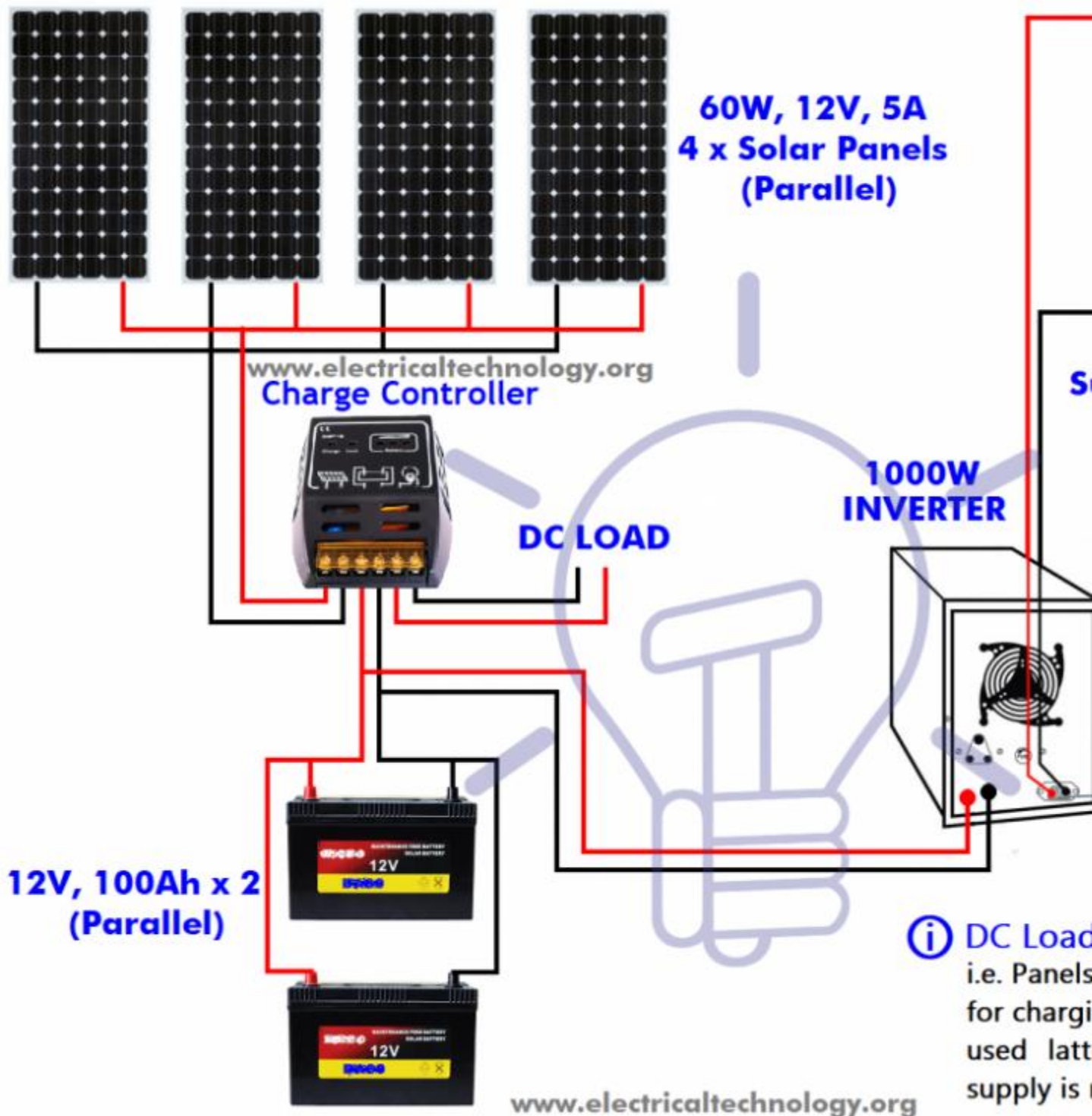
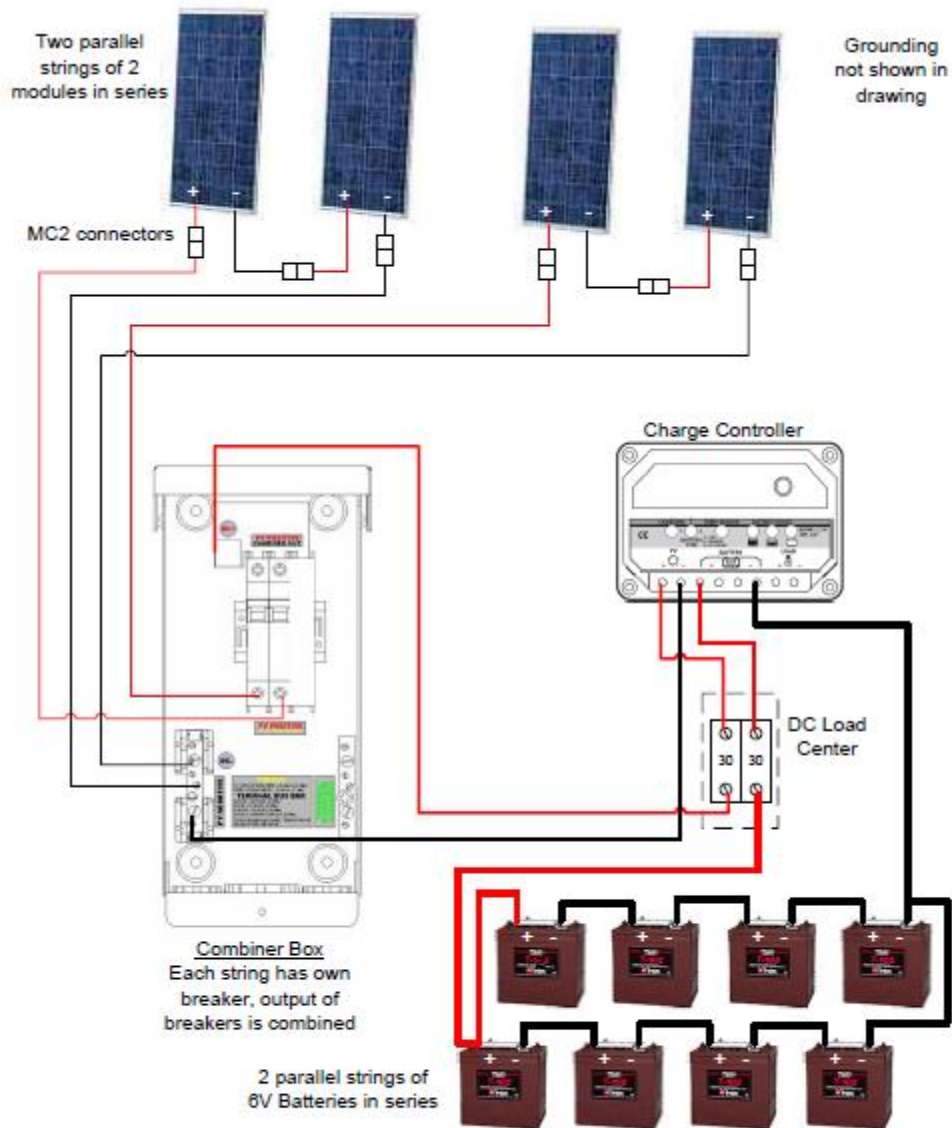
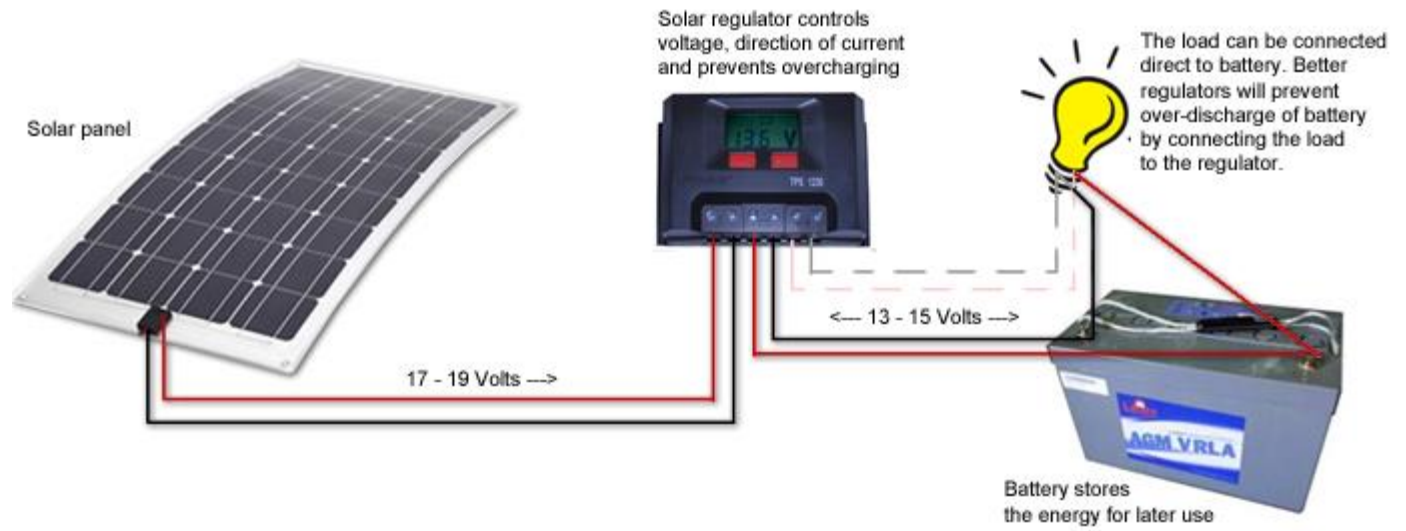
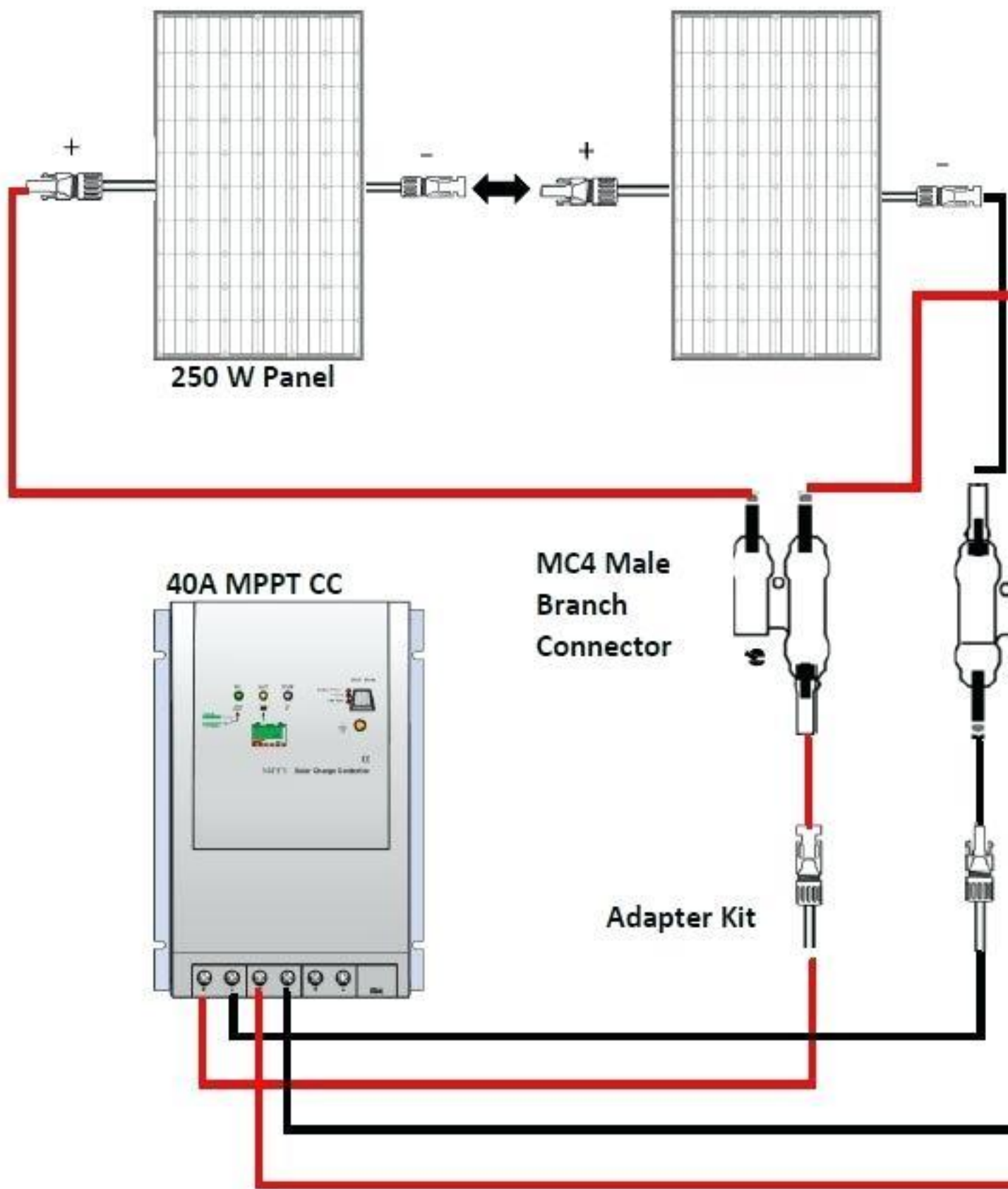
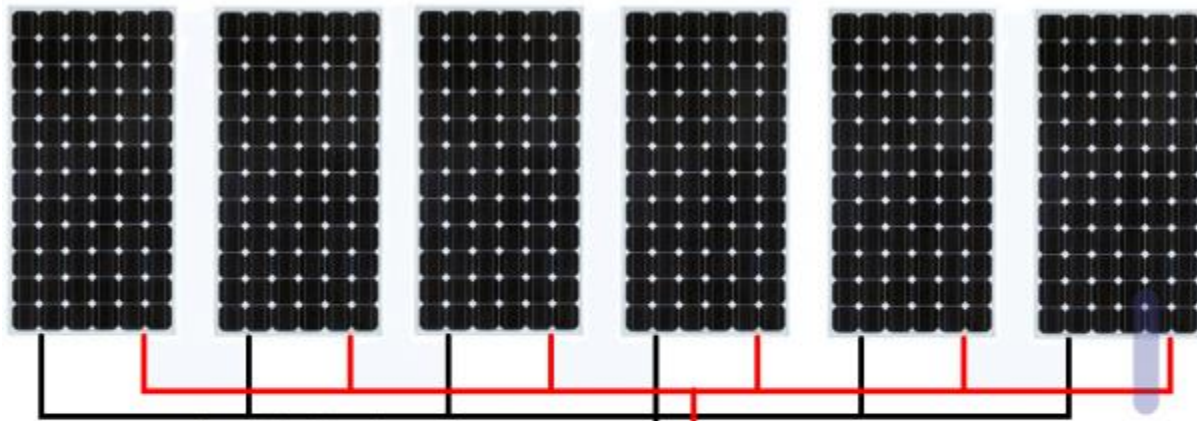












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**60W, 12V, 5A
6 x Solar Panels
(Parallel)**

Charge Controller



DC LOAD

**1000W
INVERTER**



**12V, 100Ah x 2
(Parallel)**

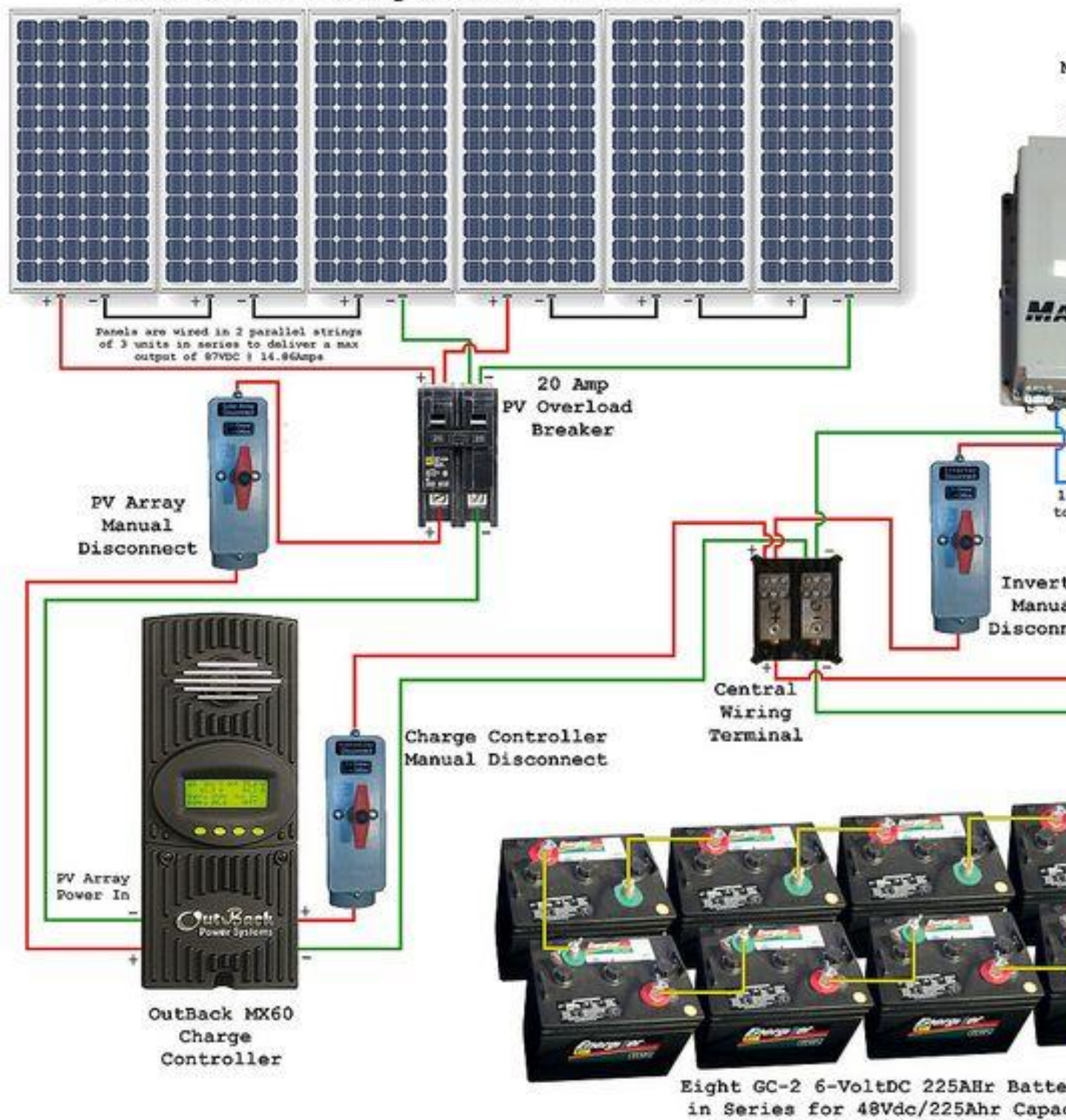


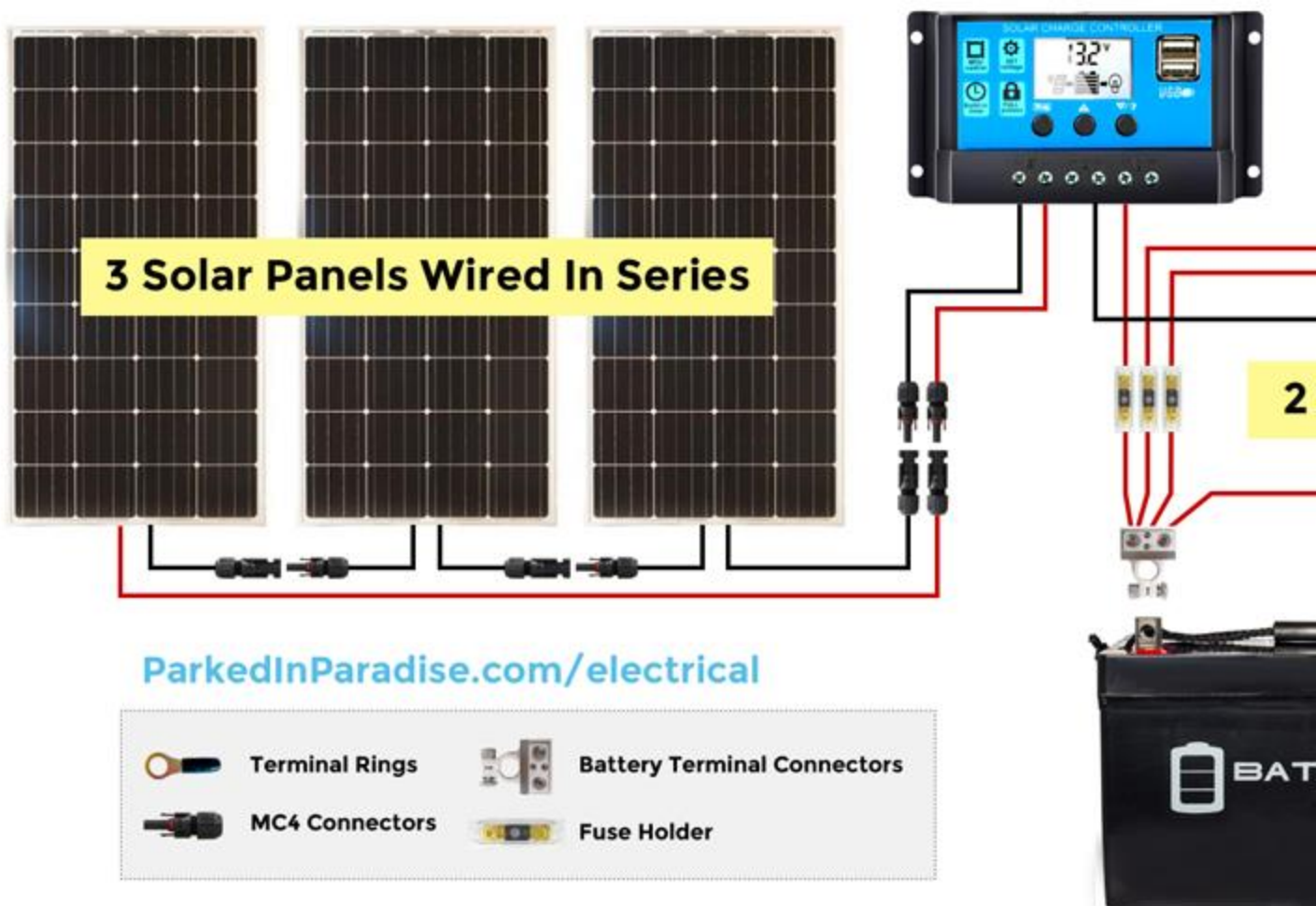
i DC Load
i.e. panels
load during
the battery

www.electricaltechnology.org

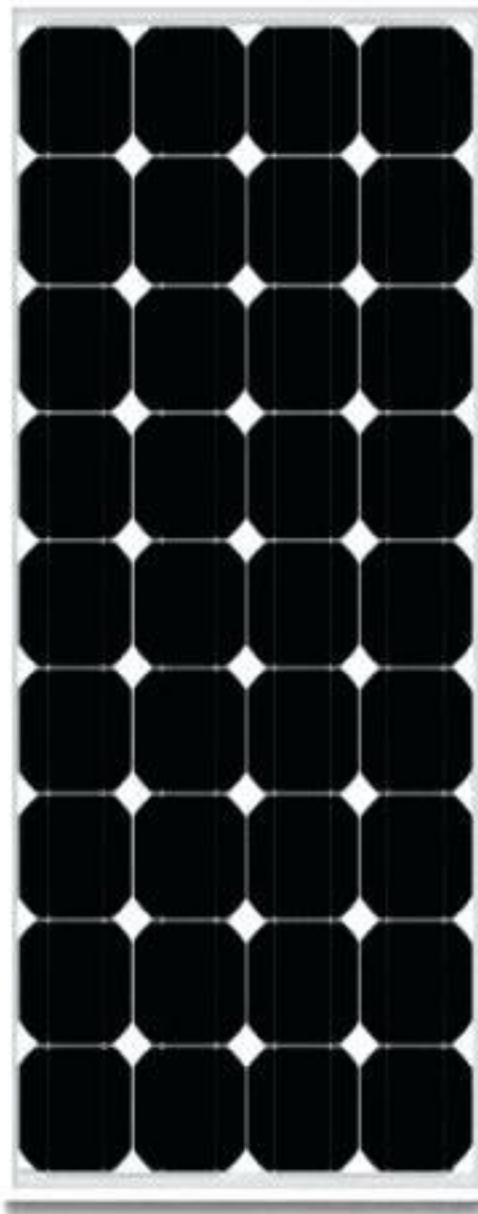
NerdAcres SP1 (Solar Plant 1) Simplified Wiring

Six 215Watt Evergreen ES-215 PV Panels





12V Solar Panel



+

-

PMW C

Solar Charge Controller

PMW Controller

12 AWG

AWG depends on the size of the
Inverter (usually ≥ 4 AWG)



12V Battery